USACE CADD NEWSLETTER

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CADD Newsletter

This unofficial newsletter, is authorized under the provisions of AR 25-30, and is intended to keep all Corps personnel who are involved in the use and management of CADD informed of CADD related issues throughout the Corps as well as HQUSACE changes and initiatives which will affect the Engineering business process. The Newsletter will be issued electronically on a quarterly basis. Articles on CADD issues with a broad area of interest are solicited from the field. Send all submissions to jean.a.mcginn@usace.army.mil.

CADD/GIS Technology Symposium & Exposition 2000

The CADD/GIS Technology Symposium, held 23-25 May at the Adam's Mark Hotel in St. Louis, Missouri, was a great success. The theme for the Symposium was "Integrating Technology." Over 1100 people attended, including 403 Corps personnel. There were102 exhibit booths provided by 88 vendors and seven government agencies. The Corps of Engineers provided four of the Government booths. Plenary sessions focused on future developments as well as current usages of new technology in remote sensing, web mapping, 3-D object-based CAD, and project web sites. There was a Corps break-out session for personnel attending on Tuesday. The Corps FAC Groups provided one of the Corps booths at the Symposium where they displayed district projects which use CADD and GIS technology effectively. They also distributed SAC/FAC mouse pads and brochures describing the purpose and make-up of the SAC/FAC Groups. As an added bonus, Symposium participants were able to take in a St. Louis Cardinals baseball game 23 and 24 May. Mark McGwire accommodated everyone by hitting a home run on both evenings.

HQUSACE Restructuring Update

The HQUSACE restructuring is proceeding as planned with the consolidation of Civil Works and Military Programs

Engineering and Construction (E&C) Divisions under Civil Works. . Don Dressler has been selected as the deputy chief of Engineering and Construction Division. Ray Navidi is the special assistant for Military Programs and Charles Baldi is the special assistant for Civil Works The four branch chiefs of the new E&C Division have been selected as follows:

        Technical Policy – Hari Singh
        Water Resource – Earl Eiker
        Technology Integration – M.K. Miles
        Infrastructure – Roy Braden

The current schedule is for the new organization to be in place on 17 July 2000.

MicroStation Workspace Status

The long-awaited A/E/C Standard CD, which contained Release 1.8 of the Standard document and Release 1.4 of the MicroStation Workspace was introduced and handed out at the Symposium. You can obtain a copy by contacting Steve Spangler at 601-634-3104. Version 1.4 of the MicroStation Workspace is also posted on the Center Web Site (tsc.wes.army.mil) and available for download. Instructions for installation are included.

AutoCAD Workspace

A working prototype of the AutoCAD Workspace was demonstrated by Coast Guard and Center personnel in the Center booth at the Symposium. David Johnson, CEWES, is the POC for this effort. He can be reached at 601-634-3509.

Spatial Data Standards Implementation Workshop

The next Spatial Data Standards (SDS) Implementation Workshop will be held on July 25-27, 2000 at The CADD/GIS Technology Center, Army Engineer Research and Development Center, Vicksburg, Mississippi. If you have registered for the class but have not submitted a DD Form 1556 to the Center, your status is "**Unconfirmed**." There are currently 13 students Confirmed and 33 students Unconfirmed for a class size of **35!!**

SAC Meeting

The SAC Group met in St. Louis 26 May after the Symposium. Significant issues discussed were 1. the need for input from the FAC groups on the proposed FY01 projects for the Center, 2. the appropriate use of remaining SAC/FAC funds for FY00, 3. replacements for two departing SAC members, 4. replacement of the Structural FAC chair, 5. the need for a Geotech FAC chair, and 6. the best method to implement the CADD Standards and the WorkSpace. Gareth Clausen, the new Cost FAC chair was introduced at the meeting. Subsequent to the SAC meeting, Dr. Middleton sent a message to all FAC chairs asking them to submit projects which can be accomplished in FY00 for funding with SAC/FAC money The goal is to have a listing of projects that everyone has submitted by middle of July to send out to SAC group for evaluation.

Field User Groups (FUGs) and Corporate Staff Meetings

The annual combined meetings of the CADD GIS Technology Center Field User Groups (FUGs) and the Corporate Staff (CS)were held in St. Louis 22 May, prior to the Symposium. The purpose of these combined meetings is for the FUGs to review the proposed projects for the Center for the coming year and select their top ten and present them to the CS. The Corporate Staff will meet 18-20 July to complete a review and selection of the projects for recommendation to the Board of Directors for approval.

Center Headlines

Check out the Center Headlines on the CADD GIS Technology Center Web Site (tsc.wes.army.mil) for information which could help you in your work. Some topics currently there which might interest you are: CADD/GIS Bulletin May 2000**,** CADD Details Library Release 2.0**,** SDS/FMS Release 1.95**,** InRoads MDL and SelectCAD Versions Preference Files, and A/E/C CADD Standard Release 1.8. Under "More News" you can find: Recommended Curriculum for the Geographic Information System Professional, A/E/C Non-Graphic Attribute Data, and a MicroStation/AutoCAD Translations Manual. It's worth your while to check out the web site from time to time.

A/E/C Show

The A/E/C show was held in Washington D.C. the first full week in June this year. There was a lot of emphasis on project web sites and other web technology. There is an interesting web site which shows videos of demos of 15 of the products on the exhibit floor at the show. Included are ArchiCAD, Revit, Meridian (project web software), Bricsnet, and PocketCAD. Something to view in your spare time. http://www.aecnewsroom.com/html/HomeSet1.htm.

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Bentley International User Conference

The Bentley International User Conference 2000 will be held in Philadelphia September 17-21. This year registration is free for all Select subscribers. This is an opportunity for all MicroStation users to see the latest technology offerings from Bentley. One year brings a lot of changes.

Call for Articles

All articles in this issue of the Newsletter were written by Jean McGinn, CEMP-EE, soon to be CECW-EE. I would encourage anyone in the field who has CADD related information of general interest to Corps personnel to submit articles (to my e-mail address) for the next issue, which should be issued the end of September.